



Superfund Records Center

SITE: Oak Street

DATE: 2.2

Q# 596816



SEMS DocID

596816

## MEMORANDUM

TO: Oak Street Site File

cc: Frank Gardner, U.S. Environmental Protection Agency, On-Scene Coordinator

FROM: Alysha Thompson<sup>ADT</sup>, Weston Solutions, Inc., Superfund Technical Assessment and Response Team

DATE: 27 August 2003

RE: Preliminary Assessment/Site Investigation Activities at the Oak Street Site.  
TDD No. 03-05-0176; Task No. 6181; Document Control No. R-2254.

The Oak Street Site (the site) is located between Woodbine Street and Oak Street in the City of Taunton, Bristol County, Massachusetts [see Attachment A - Site Location Map (Figure 1)]. The site is bordered to the north by wooded land and residential properties, to the east and west by residential properties, and to the south by Oak Street and a housing development. An elementary school is located approximately 0.25 miles east of the site along Oak Street. The site is partially wooded and generally flat except for the northern and eastern perimeters of the site, which slope steeply into a ravine. The site is currently vacant, and has been used in the past as an unlicensed landfill by the City of Taunton.

EPA conducted a fund-lead time critical removal action at the site from August 2002 until January 2003 to remove buried drums and associated contaminated soil from the site. This cleanup was taken over by the Potentially Responsible Party (PRP) pursuant to an administrative order of consent (AOC). This PRP lead cleanup is on going.

### Site Activities

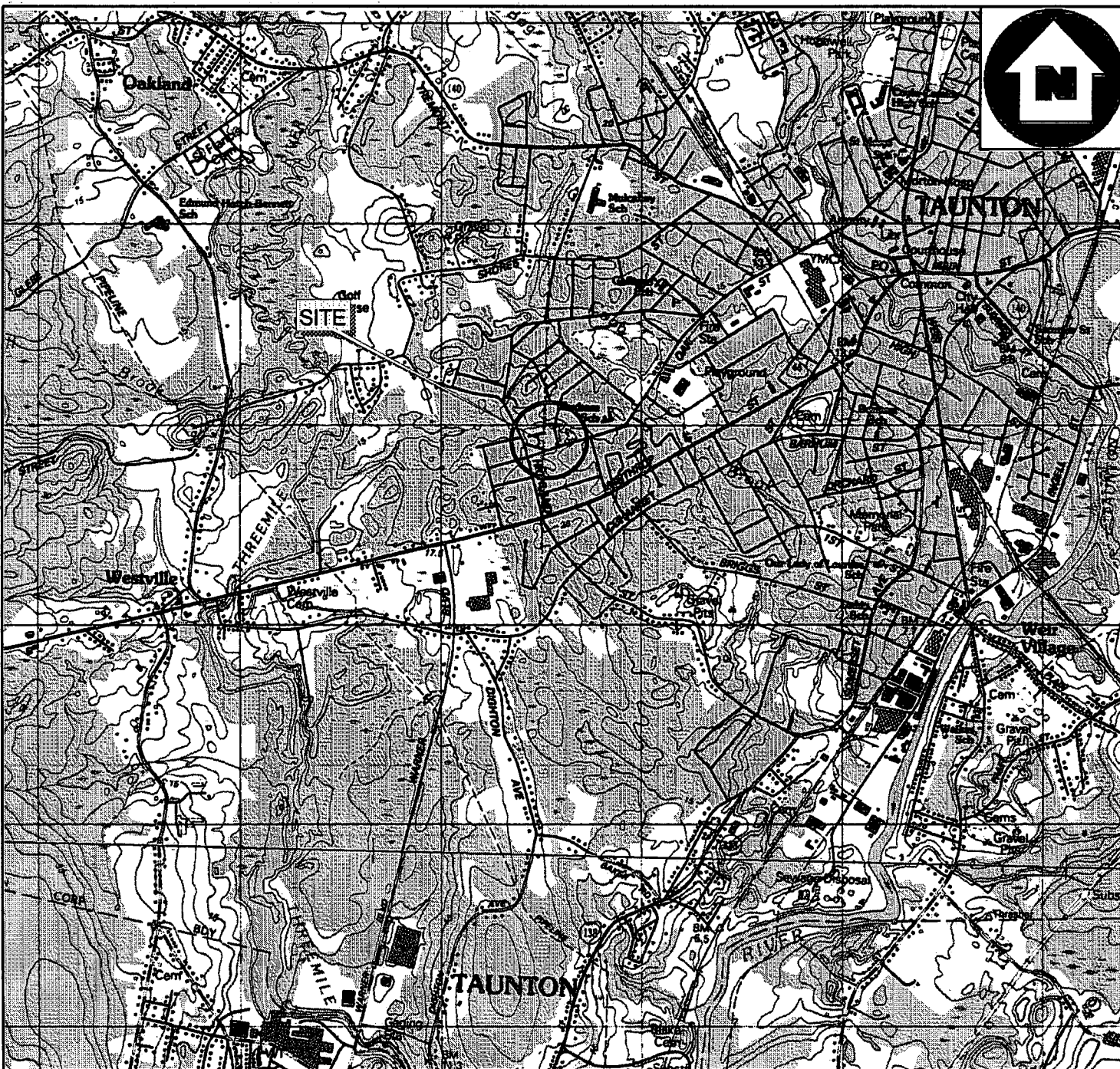
On 27 June 2003, Weston Solutions, Inc., Superfund Technical Assessment and Response Team (START) members Dan Muzrall and Andrew Hill mobilized to the site and met U.S. Environmental Protection Agency (EPA) Region I On-Scene Coordinator (OSC) Frank Gardner, and START's subcontractor for test pitting activities, TMC Services, Inc. (TMC). START personnel established a support zone and calibrated the air monitoring instruments, including a photoionization detector (PID), a flame ionization detector (FID), a combustible gas indicator/oxygen meter (CGI/O<sub>2</sub>), and a radiation meter (MicroR). Ambient conditions were recorded in the site health and safety plan (HASP) as follows: PID = 0.0 units; FID = Instrument was not operational; Lower explosive limit (LEL) = 0%; Oxygen (O<sub>2</sub>) = 21.1%; and MicroR = 10-15 microroentgens per hour ( $\mu$ R/hr). START member Muzrall conducted a daily safety and operations meeting, and on-site personnel reviewed and signed the site HASP. The HASP was prepared

as a separate document, entitled *Removal Program Site Health and Safety Plan for the Oak Street Site Preliminary Assessment/Site Investigation, Taunton, Massachusetts*.

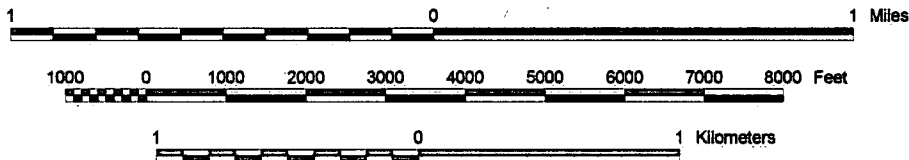
At the conclusion of the safety and operations meeting, TMC began constructing an access road to the test pit area identified by OSC Gardner [see Attachment B - Site Diagram (Figure 2)]. When the access road was completed, START personnel donned Level B personal protective equipment (PPE) and monitored the excavation of one test pit as requested by OSC Gardner (see Attachment C - Photodocumentation Log). After the test pit was excavated and soils were determined to be non-hazardous, debris and soil were placed back into the excavation, and the area was compacted to grade. No buried drums were encountered during test pitting activities. EPA, START, and START's subcontractor exited the exclusion zone, packed equipment, and departed the site.

**Attachment A**

**Site Location Map (Figure 1)**



BASE MAP IS A PORTION OF THE FOLLOWING 7.5 X 15' U.S.G.S. QUADRANGLE(S):  
 TAUNTON, MASS. AND SOMERSET, MASS. 1987



## SITE LOCATION MAP

OAK STREET SITE  
 OAK STREET  
 TAUNTON, MASSACHUSETTS



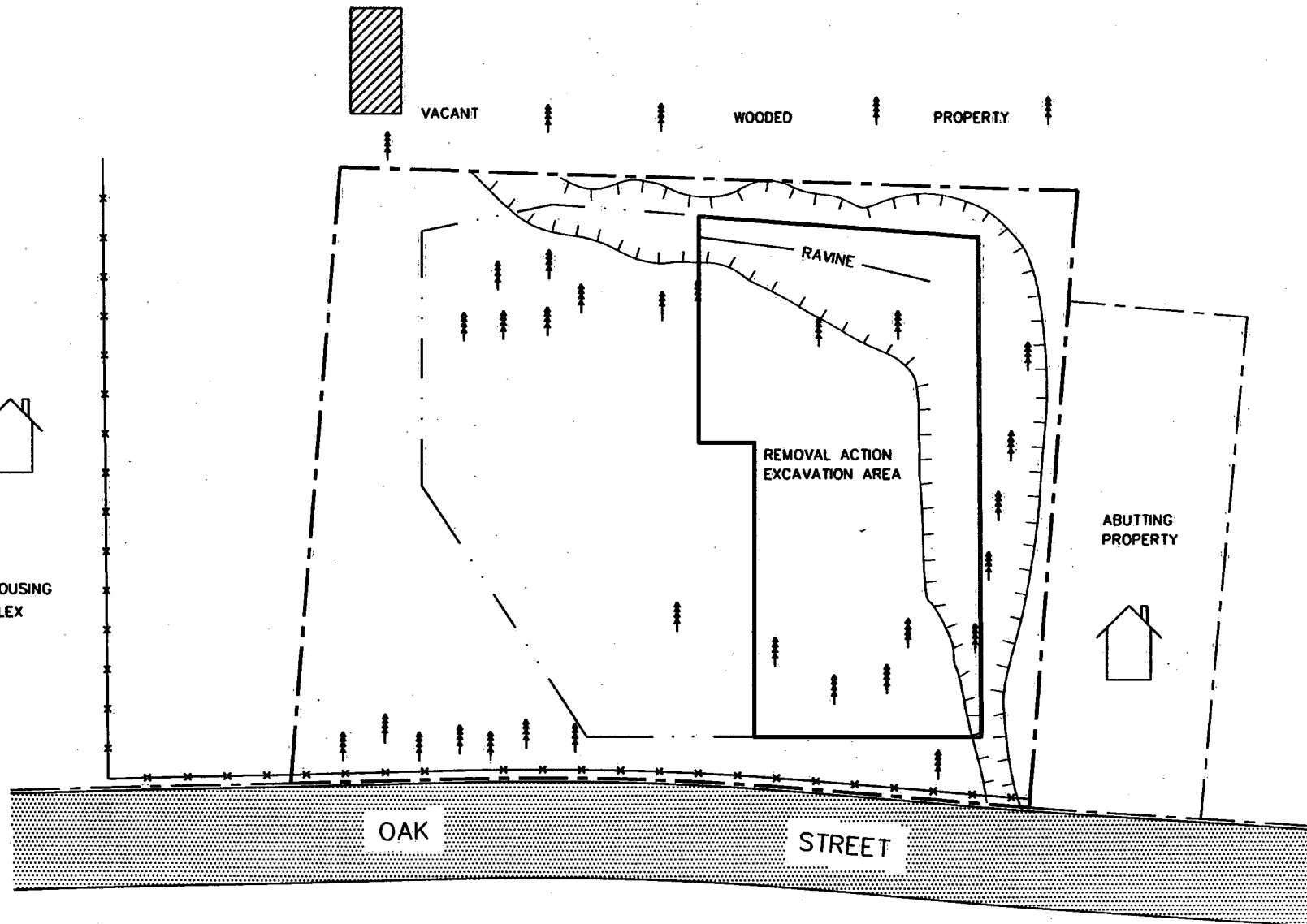
REGION I SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM

TDD #	DRAWN BY:	DATE:
03-05-0176	THOMPSON	06/10/03
FILE NAME:	FIGURE 1	
E:\ARC_APRS\START2\OAKSTREET.APR		







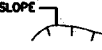



**Attachment B**

**Site Diagram (Figure 2)**



# **LEGEND**

-  TEST PIT AREA
-  REMOVAL ACTION EXCAVATION AREA
-  PAVED ROAD
-  PROPERTY LINE
-  WOODED AREA
-  FENCE LINE
-  TOP OF SLOPE  
EMBANKMENT  
(TICK MARKS DENOTE  
DOWNSLOPE DIRECTION)
-  RESIDENCE

## **TEST PIT DIAGRAM**

OAK STREET SITE  
OAK STREET  
TAUNTON, MASSACHUSETTS



REGION I SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM

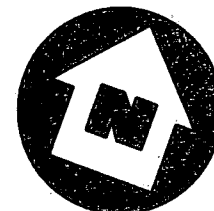
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FIGURE 3



## **Attachment C**

### **Photodocumentation Log**

**PHOTOGRAPHY LOG SHEET**  
**Oak Street Site • Taunton, Massachusetts**

TOP



**SCENE:** View of the excavated area. Photograph taken facing north.

**FRAME NUMBER:** 0A    **DATE:** 27 June 2003  
**PHOTOGRAPH BY:** Dan Muzrall  
**CAMERA:** Olympus    **SETTING:** Automatic

**TIME:** 1120  
**WITNESS(ES):** None  
**FILM TYPE:** 35-mm

**SKY CONDITION:** Clear  
**FILM ROLL:** 2387



**SCENE:** View of the excavated area. Photograph taken facing north.

**FRAME NUMBER:** 1A    **DATE:** 27 June 2003  
**PHOTOGRAPH BY:** Dan Muzrall  
**CAMERA:** Olympus    **SETTING:** Automatic

**TIME:** 1121  
**WITNESS(ES):** None  
**FILM TYPE:** 35-mm

**SKY CONDITION:** Clear  
**FILM ROLL:** 2387



**PHOTOGRAPHY LOG SHEET**  
**Oak Street Site • Taunton, Massachusetts**



**SCENE:** View of debris in the bottom of the excavation. Photograph taken facing northwest.

**FRAME NUMBER:** 2A    **DATE:** 27 June 2003  
**PHOTOGRAPH BY:** Dan Muzrall  
**CAMERA:** Olympus    **SETTING:** Automatic

**TIME:** 1122    **SKY CONDITION:** Clear  
**WITNESS(ES):** None  
**FILM TYPE:** 35-mm    **FILM ROLL:** 2387



TOP

**SCENE:** View of excavated soil from the test pit containing construction and demolition debris. Photograph taken facing northeast.

**FRAME NUMBER:** 3A    **DATE:** 27 June 2003  
**PHOTOGRAPH BY:** Dan Muzrall  
**CAMERA:** Olympus    **SETTING:** Automatic

**TIME:** 1123    **SKY CONDITION:** Clear  
**WITNESS(ES):** None  
**FILM TYPE:** 35-mm    **FILM ROLL:** 2387



**PHOTOGRAPHY LOG SHEET**  
**Oak Street Site • Taunton, Massachusetts**



**SCENE:** View of excavated soil from the test pit containing debris. Photograph taken facing east.

**FRAME NUMBER:** 4A    **DATE:** 27 June 2003  
**PHOTOGRAPH BY:** Dan Muzrall  
**CAMERA:** Olympus    **SETTING:** Automatic

**TIME:** 1124    **SKY CONDITION:** Clear  
**WITNESS(ES):** None  
**FILM TYPE:** 35-mm    **FILM ROLL:** 2387



**SCENE:** View of the backfilled and compacted test pit area. Photograph taken facing northwest.

**FRAME NUMBER:** 5A    **DATE:** 27 June 2003  
**PHOTOGRAPH BY:** Dan Muzrall  
**CAMERA:** Olympus    **SETTING:** Automatic

**TIME:** 1140    **SKY CONDITION:** Clear  
**WITNESS(ES):** None  
**FILM TYPE:** 35-mm    **FILM ROLL:** 2387



**PHOTOGRAPHY LOG SHEET**  
**Oak Street Site • Taunton, Massachusetts**



**SCENE:** View of the backfilled and compacted test pit area. Photograph taken facing north.

**FRAME NUMBER:** 6A    **DATE:** 27 June 2003  
**PHOTOGRAPH BY:** Dan Muzrall  
**CAMERA:** Olympus    **SETTING:** Automatic

**TIME:** 1141    **SKY CONDITION:** Clear  
**WITNESS(ES):** None  
**FILM TYPE:** 35-mm    **FILM ROLL:** 2387



**SCENE:** View of the backfilled and compacted test pit area. Photograph taken facing northeast.

**FRAME NUMBER:** 7A    **DATE:** 27 June 2003  
**PHOTOGRAPH BY:** Dan Muzrall  
**CAMERA:** Olympus    **SETTING:** Automatic

**TIME:** 1142    **SKY CONDITION:** Clear  
**WITNESS(ES):** None  
**FILM TYPE:** 35-mm    **FILM ROLL:** 2387

**PHOTOGRAPHY LOG SHEET**  
**Oak Street Site • Taunton, Massachusetts**

OAK STREET SITE  
TDD NO. 03-05-0176  
TASK NO. 6181  
ROLL NO. 2387  
JUNE 2003

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